

IN THE CLAIMS

Claim 1 (currently amended):

1. A method for making an optical fiber, comprising the steps of:
providing an optical fiber preform having a longitudinal axis;
heating at least a portion of the optical fiber preform in a heat source as
the optical fiber preform passes therethrough;
~~respect relative to the heat source at a rotation rate that is less than~~
~~approximately 600 revolutions per minute (rpm); and~~
~~drawing an optical fiber from the heated, rotated optical fiber preform; and~~
~~spinning the optical fiber as it is being drawn from the heated optical fiber~~
~~preform.~~

Claim 2 (canceled)

Claim 3 (currently amended):

3. The method as recited in claim 1, wherein the ~~rotating step rotates the~~
~~optical fiber preform about its longitudinal axis and with respect to the heat~~
~~source at a constant rate of relative rotation is constant.~~

Claim 4 (canceled)

Claim 5 (currently amended):

5. The method as recited in claim 1, wherein the ~~rotating step rotates the~~
~~optical fiber preform about its longitudinal axis and with respect to the heat~~
~~source in a first direction of relative rotation is unidirectional.~~

Claim 6 (canceled)

Claim 7 (currently amended):

7. The method as recited in claim 1, wherein the rotating step further comprises the steps of maintaining the heat source is maintained rotationally stationary and rotating the optical fiber preform is rotated about its longitudinal axis.

Claim 8 (currently amended):

8. ~~A method for making an optical fiber, comprising the steps of:~~
~~providing an optical fiber preform having a longitudinal axis;~~
~~heating at least a portion of the optical fiber preform in a heat source as~~
~~the optical fiber preform passes therethrough;~~
The method as recited in claim 1, wherein maintaining the optical fiber
preform is maintained rotationally stationary [[;]] and
rotating the heat source is rotated about the longitudinal axis of the optical fiber preform.

Claim 9 (canceled)

Claim 10 (original):

10. The method as recited in claim 1, wherein the optical fiber has a PMD coefficient less than approximately 0.2 picoseconds/(kilometer)^{1/2}.

Claim 11 (currently amended):

11. The method as recited in claim 1, wherein the heat source further comprises a furnace.

Claims 12-21 (canceled)